

1 Identification

- **Product identifier**
- **Trade name: TRIGGERFOAM PRO CLEANER**
- **Application of the substance / the mixture**
Cleaner for tools and equipment of uncured one component polyurethane foam
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
DEWALT Industrial Tools
701 East Joppa Road
Towson, MD 21286
USA
- **Information department:**
Telephone: 800-524-3244
Telefax: 877-871-1965
- **Emergency telephone number:**
CHEMTREC: 800-424-9300 (within continental USA)
CHEMTREC: +1 703 527-3887 (outside USA)

2 Hazard identification

- **Classification of the substance or mixture**

Flammable Aerosols - Category 1	H222-H229	Extremely flammable aerosol. Pressurized container: may burst if heated.
Eye Irritation - Category 2A	H319	Causes serious eye irritation.
Specific Target Organ Toxicity - Single Exposure - Category 3	H336	May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Danger

- **Hazard-determining components of labeling:**

acetone

- **Hazard statements**

Extremely flammable aerosol. Pressurized container: may burst if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.

- **Precautionary statements**

Keep out of reach of children.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Avoid breathing spray.

Wear protective gloves/eye protection/face protection.

In case of inadequate ventilation wear respiratory protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(Contd. on page 2)

Trade name: TRIGGERFOAM PRO CLEANER

(Contd. of page 1)

IF exposed or concerned: Get medical advice/attention.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Dispose of container to in accordance with local/regional/national/international regulation.

- **Additional information:** Repeated exposure may cause skin dryness or cracking.
- **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 4
Reactivity = 3

- **HMS-ratings (scale 0 - 4)**



Health = 1
Fire = 4
Reactivity = 3

3 Composition/Information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 67-64-1	acetone	80-85%
CAS: 75-28-5	isobutane	15-20%
CAS: 74-98-6	propane	<5%

4 First-aid measures

- **Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:**

If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** If symptoms persist consult doctor.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:** Foam

- **For safety reasons unsuitable extinguishing agents:**

Water with full jet

Water

(Contd. on page 3)



Safety Data Sheet according to HPR, Schedule 1

Printing date 03/27/2020

Reviewed on 03/27/2020

Trade name: TRIGGERFOAM PRO CLEANER

(Contd. of page 2)

- **Special hazards arising from the substance or mixture**

No further relevant information available.

- **Advice for firefighters**

- **Protective equipment:** Mouth respiratory protective device.

- **Additional information**

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation

Keep away from ignition sources

Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- **Handling:**

- **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

- **Information about protection against explosions and fires:**

Do not spray on a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Store only in the original receptacle.

Observe official regulations on storing packagings with pressurized containers.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:**

Keep receptacle tightly sealed.

Do not gas tight seal receptacle.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

- **Specific end use(s)** No further relevant information available.

CA

(Contd. on page 4)

Trade name: TRIGGERFOAM PRO CLEANER

(Contd. of page 3)

8 Exposure controls/ Personal protection

- **Additional information about design of technical systems:**

No further data; see item 7.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

CAS: 67-64-1 acetone

EL	Short-term value: 500 ppm Long-term value: 250 ppm
EV	Short-term value: 750 ppm Long-term value: 500 ppm

CAS: 74-98-6 propane

EL	Long-term value: 1000 ppm
EV	Long-term value: 1,000 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

- **Breathing equipment:** Not required.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles



Safety Data Sheet according to HPR, Schedule 1

Printing date 03/27/2020

Reviewed on 03/27/2020

Trade name: TRIGGERFOAM PRO CLEANER

(Contd. of page 4)

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Aerosol
Color:	Colorless
Odor:	Characteristic
Odor threshold:	Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	55 °C

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature: 460 °C

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Not determined.

· Explosion limits:

Lower:	2.6 Vol %
Upper:	13.0 Vol %

· Vapor pressure at 20 °C: 233 hPa

· Density at 20 °C: 0.79 g/cm³

· Solubility in / Miscibility with

Water: Soluble.

· Solvent content/VOC content: 100 %

· Viscosity:

Dynamic: Not determined.

· Other information

No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known.

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

CA

(Contd. on page 6)



Safety Data Sheet according to HPR, Schedule 1

Printing date 03/27/2020

Reviewed on 03/27/2020

Trade name: TRIGGERFOAM PRO CLEANER

(Contd. of page 5)

11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

CAS: 67-64-1 acetone

Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50	20,000 mg/kg (rabbit)

- **Primary irritant effect:**

- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**

- **DOT/TDG, ADR, IMDG, IATA** UN1950

- **UN proper shipping name**

- **ADR** 1950 AEROSOLS

(Contd. on page 7)

Trade name: TRIGGERFOAM PRO CLEANER

(Contd. of page 6)

· IMDG	AEROSOLS
· IATA	AEROSOLS, flammable
· Transport hazard class(es)	
· DOT, IMDG, IATA	
· Class	2.1
· Label	2.1

· ADR	
· Class	2 5F Gases
· Label	2.1
· Packing group	
· DOT/TDG, ADR, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user Warning: Gases	
· EMS Number:	F-D,S-U
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **TSCA (Toxic Substances Control Act):**

CAS: 67-64-1 acetone

CAS: 75-28-5 isobutane

CAS: 74-98-6 propane

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

CAS: 67-64-1 acetone

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS02 GHS07

· **Signal word** Danger

· **Hazard-determining components of labeling:**

acetone

(Contd. on page 8)



Safety Data Sheet according to HPR, Schedule 1

Printing date 03/27/2020

Reviewed on 03/27/2020

Trade name: TRIGGERFOAM PRO CLEANER

(Contd. of page 7)

· Hazard statements

Extremely flammable aerosol. Pressurized container: may burst if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.

· Precautionary statements

Keep out of reach of children.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source.

Do not pierce or burn, even after use.

Avoid breathing spray.

Wear protective gloves/eye protection/face protection.

In case of inadequate ventilation wear respiratory protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Dispose of container to in accordance with local/regional/national/international regulation.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

CA